

9 LIST OF PREPARERS

As required by NEPA regulations (40 CFR 1502.17), the individuals responsible for preparing this Draft EIS are listed below.

9.1. U.S. Army Corps of Engineers

Shawn Boone. Project Manager, Special Projects Branch, Regulatory Division, U.S. Army Corps of Engineers Charleston District

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Tina Hadden. Chief, Regulatory Division, U.S. Army Corps of Engineers Charleston District

Travis Hughes. Deputy Division Chief and Special Projects Branch Chief, Regulatory Division, U.S. Army Corps of Engineers Charleston District

9.2. Cooperating Agencies/Tribes

Marianna DePratter, P.G. Mining and Reclamation Program, Bureau of Land & Waste Management, South Carolina Department of Health and Environmental Control

Dr. Wenonah Haire. Tribal Historic Preservation Officer, Catawba Indian Nation

Kelly Laycock. Ecologist, Wetlands Regulatory Section, U.S. Environmental Protection Agency

Larry Long. NEPA Coordinator, U.S. Environmental Protection Agency

Alicia Rowe. Water Quality Certification and Wetlands Section, Bureau of Water, South Carolina Department of Health and Environmental Control

Darin Steen. Environmental Services Director, Catawba Indian Nation

9.3. Cardno ENTRIX (Third-Party Contractor)

The Charleston District of the U.S. Army Corps of Engineers retained Cardno ENTRIX as the third-party contractor to assist with preparation of this EIS. The names and expertise of the Cardno ENTRIX employees who contributed to preparation of this EIS are provided below.

Jan Aarts. Senior Project Scientist, Cardno ENTRIX

- M.S. Urban Planning; B.S., Urban Planning
- 25 years of experience in preparing environmental documents and permit applications for a wide variety of transportation infrastructure projects.

Drew Ackerman. Senior Project Engineer, Cardno ENTRIX

- M.S., Oceanography; B.S. Civil Engineering; B.A., Pre-Engineering
- 17 years of experience in simulating watershed hydrology and pollutant transport and modeling implemented best management practices.

Stella Acuna. Senior Project Manager, Cardno TEC

- B.A., Environmental Design and Planning
- 27 years of experience in zoning, site planning, land-use entitlement, and environmental compliance.

Kimberly Artita. Project Consultant, Cardno ENTRIX

- Ph.D., Engineering Science
- 10 years of experience in water resources with a broad range of experience in geology, hydrology, GIS, and water resources engineering.

Brandon Ashby. Senior Project Scientist, Cardno ENTRIX

- B.S., Geology
- 17 years of experience in hydrogeologic investigations, environmental site/contamination assessments, and the use of GIS.

Chelsea Ayala. Senior Project Scientist, Cardno ENTRIX

- B.A., Environmental Studies
- 21 years of experience in regulatory agency, analytical laboratory, and environmental studies including analysis of air quality, noise, and greenhouse gases.

Scott Barker. Senior Planner, Cardno TEC

- M.S., Civil Engineering; M.A., City Planning; B.A., History
- 23 years of experience in NEPA compliance and transportation planning.

Bradford Boyes, QEP, REA. Environmental Engineer, Cardno ENTRIX

- M.B.A., Project Management; B.S., Environmental Engineering
- 33 years of experience in regulatory compliance including evaluating construction and operations emissions encompassing greenhouse gases.

Courtney Baxter. Project Coordinator, Cardno ENTRIX

- A.A., Social Services
- 17 years of experience in project coordination, client proposals, data support, and quality control for survey and mapping.

Ken Carothers. Biologist, Cardno ENTRIX

- B.S., Biology
- 20 years of experience in regulatory compliance, permitting and regulatory support, and environmental assessment including impact assessment and mitigation planning.

Adele Clouse. Assistant Staff Scientist, Cardno ENTRIX

- B.A., Biological Anthropology
- 2 years of experience in data management, organization, quality assurance and analysis, research, editing, and technical report writing.

Jeffery Davis. Senior Hydrologist, Cardno ENTRIX

- M.S., Civil Engineering
- 20 years of experience in groundwater flow and transport, GIS modeling and software and model development.

Kimberly Demuth. Technical Director, Senior Consultant, Cardno ENTRIX

- M.S., Historic Preservation of Architecture; B.A., Fine Arts and Design
- 30 years of experience in the historic preservation of architecture, cultural resource management, project management, and planning.

McLane Evans. Senior Ecologist, Cardno ENTRIX

- B.S., Environmental Science; B.S., Political Science
- 13 years of experience in project management, mining, compliance, due diligence site evaluations, and permitting in the ecological consulting field.

Jennifer Ferris. Project Archeologist, Cardno ENTRIX

- Ph.D., Anthropology; M.A., Anthropology; B.A., Anthropology
- 11 years of professional and technical experience in archaeology and cultural resource management.

Steve Godley. Biologist/Zoologist, Cardno ENTRIX

- M.A., Zoology; B.A., Biology
- 30 years of experience in agency negotiations, permitting, mitigation design, and endangered and threatened species issues.

Nathan Hancock, AICP. Geographer/Environmental Planner, Cardno ENTRIX

- M.C.R.P. Masters, City & Regional Planning; B.S., Geography
- 7 years of experience as GIS/Planning Technician including focus on land use, socioeconomics, environmental justice, and recreation.

Eric D. Harlow. Project Scientist, Cardno ENTRIX

- M.S., Hydrology; B.S., Geology and Resource Development
- 8 years of experience working on complex natural resource management issues.

Sheri Huelster. Project Scientist, Cardno ENTRIX

- M.S., Marine Science; B.S., Marine Science
- 8 years of experience in collection and analysis of surface water and sediment samples, biological sampling, and habitat assessments.

John Jansen. Senior Consultant/Hydrologist, Cardno ENTRIX

- Ph.D., Geological Sciences
- 30 years of experience specializing in high-capacity wells, groundwater resource management, groundwater modeling, and energy projects.

Sarah Jenniges. Senior GIS Consultant, Cardno ENTRIX

- M.S., Geography
- 15 years of experience in GIS modeling and simulation generation and GIS web mapping application development.

Rahul John. Project Scientist, Cardno ENTRIX

- M.S., Hydrology; M.S., Geology
- 9 years of experience in conducting hydrogeologic investigations that involve groundwater modeling, water supply planning, field data collection, drilling oversight, and water quality analysis.

Lucy Jones. Senior Project Architectural Historian, Cardno ENTRIX

- M.A., Liberal Arts; B.S., Biology
- 20 years of experience as an architectural historian and historian with knowledge of local and state laws and regulations concerning historic resources.

Paul Jones. Senior Consultant/Archaeologist, Cardno ENTRIX

- M.A., Archaeology
- 25 years of experience in leading cultural resources projects relating to energy, environmental restoration, pipelines, and highways; Southeastern Practice Leader for Cardno ENTRIX's Cultural Resources Group.

Ingrid Kimball. Project Assistant, Cardno ENTRIX

- M.S., Forest Resources
- 11 years of experience in project coordination, subsurface investigations, wastewater, surface water, and groundwater monitoring; and construction management.

Craig Kling. Senior Consultant/ Vice President, Principal, Cardno ENTRIX

- M.S., Wildlife Biology
- 40 years of experience in permitting and biological surveys, wildlife biology, natural resources, environmental consulting, and program/project management.

Karen Klosowski. Landscape Architect/Environmental Planner, Cardno ENTRIX

- M.L.A., Landscape Architecture; M.U.P., Urban and Regional Planning; B.S., Recreation and Parks
- 18 years of experience in managing and conducting environmental planning studies and management plans and environmental evaluations associated with NEPA.

Melissa Klungle. Project Scientist, Cardno ENTRIX

- B.S., Fisheries and Wildlife Management
- 10 years of experience in aquatic and terrestrial ecological risk assessment, fisheries biology, habitat conservation plans, and compliance with the ESA and NEPA.

Jim Lecky. Senior Consultant, Cardno ENTRIX

- B.A., Biology
- 36 years of experience; an expert in marine mammals, marine fishes, salmon and steelhead. Recently retired as Director, Office of Protected Resources for National Marine Fisheries Service in Washington, DC.

Paul Leonard, CFS. Technical Director, Vice President, Cardno ENTRIX

- M.S., Fisheries Science/Statistics; B.S., Aquatic Ecology
- 30 years of experience in managing and performing environmental assessments, regulatory oversight, permitting, and NEPA compliance for water resources, energy, restoration, mining, transmission, and land development projects.

Joan Lynn. President, egret, inc.

- 27 years of experience as a technical editor and in conducting project scoping, ensuring document compliance with CEQA and NEPA, directing project teams, scheduling, and coordinating with agencies.

Alix Matos. Senior Project Engineer, Cardno ENTRIX

- M.S., Civil Engineering
- 13 years of experience in water quality, wasteload allocation, and watershed modeling including evaluations of eutrophication, dissolved oxygen dynamics, and mercury transformations.

Kerri McNutt. Senior Project Scientist, Cardno ENTRIX

- M.S., Environmental Science
- 11 years of experience in open water aquatic habitat restoration, remediation, environmental and biological sampling and surveys, and wastewater treatment plant inspections.

Molly Middaugh. Senior Staff Scientist, Cardno ENTRIX

- B.A., Environmental Analysis
- 4 years of experience in federal permitting and compliance, with a background in environmental science and economics.

Hollis Morantes. Staff Scientist, Cardno ENTRIX

- M.S., Earth and Planetary Sciences
- 5 years of experience in hydrology, hydrogeology, water quality assurance and quality control, well construction oversight, aquifer performance testing, Phase I & II site assessments, technical report writing, soil and groundwater sampling and analysis, and surveys.

Karen Olson. Biologist, Cardno ENTRIX

- B.S., Marine and Freshwater Biology
- 5 years of experience in environmental consulting with experience in industrial permitting and compliance.

Steve Pavich. Senior Economist, Cardno ENTRIX

- M.S., Agricultural and Resource Economics
- 10 years of experience in agricultural and natural resource economics and NEPA compliance in the fields of economics, land use, recreation, and aesthetics.

Duane Paul. Senior Consultant and Senior Associate, Cardno ENTRIX

- Ph.D., Agricultural Economics; M.S., Agricultural Economics; B.S., Agricultural Management
- 35 years of experience in financial, environmental, and resource analysis.

Ryan Pingree. Senior Project Manager, Cardno TEC

- M.S., Environmental Science and Management; B.S., Physical Geography
- 18 years of experience in managing and coordinating complex NEPA and compliance projects in support of environmental programs.

John Robinson. Senior Consultant, Cardno ENTRIX

- B.A., Architecture
- 31 years of experience in energy facility siting, licensing, permitting and environmental planning, impact analysis, and environmental documentation.

William Spain. Natural Resource Social Scientist, Cardno ENTRIX

- Ph.D., Environment and Society; M.S., Recreation; B.A., History; B.S., Physical Science
- 8 years of experience in natural resource management and outdoor recreation planning.

Peter Thibodeau. Geologist, Cardno ENTRIX

- Ph.D., Geology; M.S., Geology; B.A., Geology
- 21 years of experience in hydrogeology, groundwater and surface water modeling, and research and technical report writing.

Dan Tormey. Technical Director – Environment and Natural Resources Liability Management

- Ph.D., Geology and Geophysics
- 30 years of experience in the fields of contaminant fate and transport and remediation, hydrology and sediment transport, coastal dynamics, and environmental aspects of power generation.

Alison Uno. Project Scientist, Cardno ENTRIX

- M.S., Sustainable Environmental Management; B.S., Marine Biology
- 10 years of experience in NEPA compliance, environmental management, terrestrial biology, marine and freshwater biology, ornithology, and sustainability.

Fred Wismer. Project Engineer, Cardno WRG

- B.S., Mechanical Engineering
- 12 years of experience in conceptual design; detailed design; report generation; project cost estimates; bulk earthwork quantities; and construction coordination with the client, jurisdiction, and contractor.

Rob Wurgler. Communication Designer, Cardno ENTRIX

- B.A., Communication Design
- 18 years of experience in environmental planning, compliance, permitting, and restoration projects including preparation of NEPA documents and the use of GIS.

Anna Zepplin. Environmental Scientist, Cardno ENTRIX

- B.S., Earth Science
- 2 years of experience in providing technical support to various projects, supporting field studies, and data reduction and analysis.

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